Dear Colleagues,

On behalf of the MIT Institute for Medical Engineering and Science, Hacking Medicine and Beth Israel Deaconess Medical Center, we would like to invite you to attend the Big Data in Critical Care: Workshop & Conference.

The event will bring together various disciplines - computer science, medicine, nursing, pharmacy, biostatistics, epidemiology, informatics, business, health policy, and the social sciences - from both academe and industry, with the goal of learning from routinely collected clinical data, as outlined in a recent discussion paper from the Institute of Medicine (attached).

**Workshop - January 4-5th**

Participants will be divided into teams of data scientists and clinicians who will use the MIMIC database to work on pre-selected clinical questions or projects. Findings will be presented at the end of the workshop. The best presentation will be awarded a cash prize as well as the opportunity to present at the conference. We are also inviting teams from around the world to participate via WebEx.

Data scientists who are participating in the workshop are required to obtain access to MIMIC at least a week before the workshop and are expected to be familiar with the data schema and the tables. Clinicians are requested to submit ideas for the data marathon. For questions or projects that are selected, the clinicians will have the opportunity to give a 2-minute pitch at the start of the workshop to the rest of the audience.

**Conference - January 7th**

We are fortunate to have two distinguished keynote speakers - Professor Jeffrey Drazen, editor-in-chief of New England Journal of Medicine, and Professor John Ioannidis. We will have poster sessions during the conference to showcase completed or ongoing MIMIC projects. Please submit the abstracts on the conference website. The conference will be streamed to academic institutions around the world. Please let us know if you want to host a simulcast of the event at your university or hospital.

**Registration**

Registration Deadline: October 31, 2013.


Cost: Free for those affiliated with an academic institution, otherwise the fee is $250 to attend both the workshop and the conference.
Spots are limited, so please register early:  [http://criticaldata.mit.edu/](http://criticaldata.mit.edu/)

Please pass this on to those who might be interested in attending the events in person or remotely

Leo Anthony Celi MD, MS, MPH
Chair, Organizing Committee
Big Data in Critical Care Workshop and Conference

1. Author of *Why Most Published Research Findings Are False* and one of the most sought after speakers in the medical community.